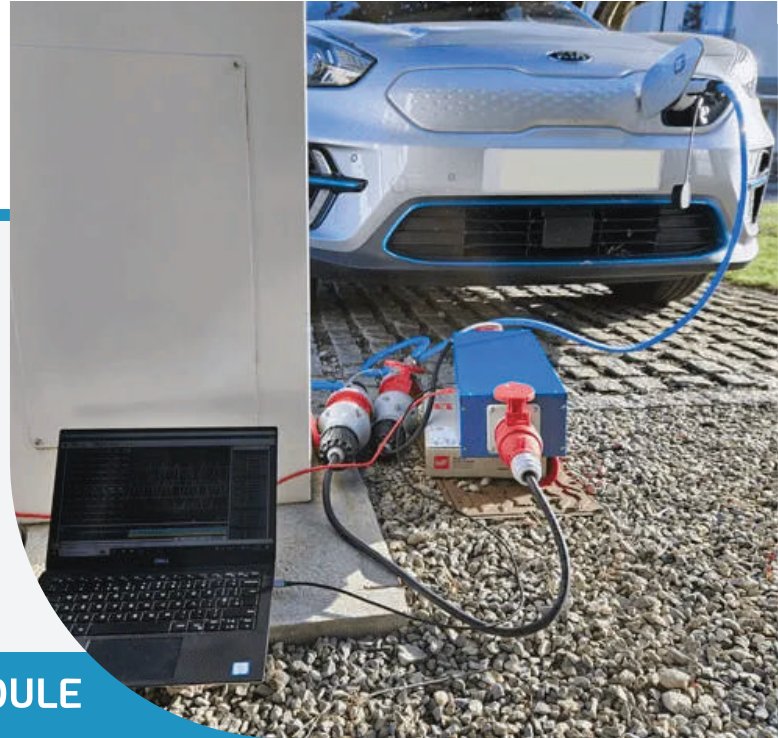# HOW TO ANALYZE AN EV CHARGER

EV charging is a complex process. With many different vehicles and chargers, we would expect to see a range of compatibility issues and charging speeds.
Understanding and solving problems requires data, and this is where the 3-phase AC PAM (Power Analysis Module) comes in.

3-PHASE MAINS POWER ANALYSIS MODULE

FEATURES
- Measure 3-phase supplies
- Monitor voltage, current and power
- Capture data in Power Studio or direct to your own files
- Powerful automation option for capture and analysis

This device can capture high resolution AC traces for long periods of time:
- 8,000 Samples per second
- 16, 32 and 63 Amp versions
- Plug-and-play setup
- Manual and fully automated capture options
- PoE powered
- USB and LAN connectivity
- Supports upto 400v AC

QUARCH POWER STUDIO
QPS (Quarch Power Studio) allows you to view and capture power data over extended periods of time, and easily analyze the power performance

FEATURES
- Record any length of power trace
- High resolution capture for detailed analysis
- Annotate traces
- Export screenshots and trace sections
- Measure detailed features and view area statistics

TECHNICAL
- Server (QIS)
- Handles multi-gigabyte filesJava based application
- Built on Quarch Instrument
- No additional drivers needed

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